

Exhibit 2

Data Compilation for SL 5170 and
Series S179-39A through S179-39F

Special Study on SL 5170 for HeCd Laser, SLA 250

Formula # Batch #	Material Code	SL 5170 original	s179-39A SL 5170 but replaced N3700 with	s179-39B SL 5170, Production batch	s179-39C SL 5170 with SR 295 and SR 349	s179-39D 39C without I- 184	s179-39E SL 5170, No I 184	s179-39F 39E with 1.2% UVI 6974
Epoxies		18.0	18.0	18.0	18.0	18.0	18.0	
	Araldite DY 026	2009	31.4	31.4	31.4	31.4	31.4	
	ERL 4221	101009	16.8	16.8	16.8	16.8	16.8	
	Cyarcure UVR 6105							
Acrylates		6.4	6.4	6.4	6.4	6.4	6.4	
	N3700	5.8	5.8	5.8	5.8	5.8	5.8	
	SR 399	1068	6.4	6.4	6.4	6.4	6.4	
	SR 349	1027						
	SR 295	new						
Polyols		19.8	19.8	19.8	19.8	19.8	19.8	
	Tone 0301 (560)	3112						
Photo Initiators		1.0	1.0	1.0	1.0	1.0	1.0	
	I-184	9900	0.8	0.8	0.8	0.8	0.8	
	UVI 6974	9931						
Total % weight		100.0	100.0	100.0	100.0	99.0	99.0	99.4
		250	250	250	250	250	250	250
Laser/wavelength								
Photospeed		4.30	4.35	4.37	5.27	2.63	2.63	5.39
	Dp (mils)	13.50	10.66	8.87	12.1	4.83	4.83	13.43
	Ec (mJ/cm ²)	16.63	10.9	13.42	11.15	14.63	7.21	16.17
	E1	31.06	21.9	26.74	22.14	25.86	22.6	28.23
	E11	133.53	111.6	133.65	109.84	97.72	325.05	103.51
Windowpane Quality		good	good	good	good	ok	ok	ok
	Good but a little bubbles	Good	Good	Good	Good	Parts built not build properly	Parts built but rough sidewall	Parts built but rough sidewall
Parts built quality		Good	Good	Good	Good	Good	Good	Good
Green Strength		1440	1680	1834	1323	1623	1598	1598
	GFM10 @ 4 LT, 5 HS	1620	1922	1818	2030	1488	1736	1617
	GFM60 @ 4 LT, 5 HS	2150	2595	2636	2729	1822	2076	2719
	1.5 hr PC FM							
100 mm Dogbone		8700	8112	8250	7759	6674	5728	7280
	Tensile strength (psi)	570	403	352	367	310	404	340
	Tensile modulus (ksi)							
	Elongation @ break (%)	19.0, 7.0	3.9, 9.3, 3.9	5.4, 6.2, 5.7	4.9, 5.3, 5.0	3.1, 3.4, 4.4, 3.9	2.5, 1.4, 1.3, 1.7	3.1, 2.5
Impact Resistance, ft.lb/in		0.6	0.71, 0.68, 0.61	0.89, 0.68, 0.65	0.70, 0.89	0.36, 0.34	0.83, 0.76	0.86, 0.71
Hardness		85	82	87	86	64	81	73
Shore D		49	51	38	53	53	55	54
HDT @ 66 psi, °C		55	71	49	68	69	80	83
PCA/2 hr @ 160 C								
Water Resistance, Mpa		2150	2595	2636	2729	1822	2076	2719
	0 day in water		1611	1894				
	1 day in water		1144					
	2 days in water							
	3 days in water							
	4 days in water							
	7 days in water							
	8 days in water							
	11 days in water							
	12 days in water							
	14 days in water							
Viscosity at 25°C (cps)		395	241	372	187/17ds ds=days	87/17ds	342/19ds	499/19ds